



**Client:** Resource Generation SA

**Site/Location:** Waterberg, Limpopo

**Project Period:** September 2011 – January 2012

## Project Description:

Investigation into alternative power supplies for the greenfields coal project, culminating in the formulation of a Power Plan

## The Project Includes:

- To ensure that a viable power supply option is available to support the project ahead of and during fund raising
- Continued engagement with Eskom in order to attempt to secure power supply
- Evaluate viability and risk associated with ESKOM
- Produce a cost estimate for initial power supply and construction power
- Evaluate IPP technologies and manage them towards successful delivery of guarantees for the project wrt:
  - Coal feedstock quality and quantity requirements
  - Electricity PPA cost accuracy
  - Maintenance scheduling / mine plan integration
- Gas scrubbing trade-off studies
- Evaluation of excess capacity sales to ESKOM
- Evaluate viability of sales to third party through “wheeling”

## Services provided by RSV ENCO:

- Project management
- Peer review competent persons audits
- ESKOM interface and negotiations
- Cost estimating
- Engineering design (civil, structural, mechanical and electrical) and drafting services
- Detailed scheduling
- Financial modelling

## Progress to date:

- The desktop study was completed in September.
- A proposal for the Front End Engineering and Design (FEED) phase has been received by the client.